

**WHAT IS CLAIMED IS:**

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1. A battery saving method of controlling the display of a portable telephone, comprising the steps of:

5        checking whether a user activates a SEND key for a call origination to establish a call or an ANSWER key in response to an incoming call;

          deactivating the power supplied to the display when a call is set up according to the activation of the SEND key or the answering key; and,

10        activating the power supplied to the display when the call is terminated.

10        2. The battery saving method as claimed in Claim 1, further comprising the step of deactivating the power supplied to the display after the expiration of a predetermined time period if the SEND key or the ANSWER key is activated.

15        3. A method for saving battery lifetime by controlling the power supplied to the display unit of a portable telephone, comprising the steps of:

          (a) determining whether an originating party has requested a call connection to a terminating party;

          (b) deactivating the power supplied to the display if the originating party requests 20 the call connection to the terminating party; and,

          (c) activating the power supplied to the display when the call connection is terminated.

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4. The method as claimed in Claim 1, further comprising the step of deactivating the power supplied to the display after the expiration of a predetermined time period if the request to establish the call connection is made.

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5. A method for saving battery lifetime by controlling the power supplied to the display unit of a portable telephone, comprising the steps of:

(a) determining whether there is an incoming call to the portable telephone from a third party to establish a call connection thereto;

10 (b) deactivating the power supplied to the display after receiving the incoming call to the portable telephone; and,

(c) activating the power supplied to the display when the call connection responsive to the incoming call is terminated.

15 6. The method as claimed in Claim 1, further comprising the step of deactivating the power supplied to the display after the expiration of a predetermined time period if the incoming call is received by the portable telephone.

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